Format No:CP/TF/01

TEST RESULTS OF STEEL

Lab ID	:	**CP-2017-08-08-01** **Date: 10-08-17**
Customer	:	Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Reserve Fund For Emergency works in Dasarahalli ward no.15 Dasarahalli Sub Division (Providing Pot Hole filling of CC Roads and De-silting of Kempegowda Nagara 5th cross & other cross roads in T.Dasarahalli in ward no.15)
Agency	:	Sri.Eregowda S.M, No.288, 5th cross, 6th 'A' Main Road, Bhuvaneshwarinagara, T.Dasrahalli, Bangalore-560057.
Customer's Reference	:	EE/DD/WO/003/17-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	08-08-17
Sample ID No	:	2017-08-08-01-04
Sample Type	:	JSW
Reference to BIS codes	:	IS 1786-2008, IS:1608-2005(RA 2011), IS 1599-2012.
Date of test:	:	09-08-17

Sl.No	Identification of sample	Grade of the sample	Diameter of the steel bar	Weight of the sample	Yield stress	Tensile strength	Elongation	Bend test	Rebend test
			(mm)	(kg/m)	(N/mm2)	(N/mm2)	(%)		
1	JSW	Fe500	8	0.392	548	680	21.0%	Satisfactory	Satisfactory
2	JSW	Fe500	10	0.612	574	690	20.0%	Satisfactory	Satisfactory
3	JSW	Fe500	12	0.888	595	698	19.0%	Satisfactory	Satisfactory

Note:

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Prepared By:
Harshitha

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

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ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
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Format No:CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2017-08-17-01** **Date: 18/08/2017**

Customer : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.

Address : Dasarahalli Sub Division, BBMP, Bangalore.

Project Name : Reserve Fund For Emergency works in Dasarahalli ward no.15 Dasarahalli Sub Division (Providing Pot Hole filling of CC Roads and De-silting of Kempegowda Nagara 5th cross & other cross roads in T.Dasarahalli in ward no.15)

Agency : Sri.Eregowda S.M, No.288, 5th cross, 6th 'A' Main Road, Bhuvaneshwarinagara, T.Dasrahalli, Bangalore-560057.

Customer's Reference : EE/DD/WO/003/17-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 08-08-17

Sample ID No : 2017-08-17-01-01

Customer ID : M20 Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 18/08/2017

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M20 Concrete	M20	11/08/2017	18/08/2017	150.22 X 150.29 X 150.32	22577	8.315	388.3	17.2	17.5
2	M20 Concrete	M20	11/08/2017	18/08/2017	150.30 X 150.25 X 150.28	22583	8.341	392.9	17.4	
3	M20 Concrete	M20	11/08/2017	18/08/2017	150.23 X 150.26 X 150.30	22574	8.323	404.1	17.9	

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Prepared by
Harsitha

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Quality Manager

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2017-08-17-01** **Date: 08/09/2017**

Customer : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.

Address : Dasarahalli Sub Division, BBMP, Bangalore.

Project Name : Reserve Fund For Emergency works in Dasarahalli ward no.15 Dasarahalli Sub Division (Providing Pot Hole filling of CC Roads and De-silting of Kempegowda Nagara 5th cross & other cross roads in T.Dasarahalli in ward no.15)

Agency : Sri.Eregowda S.M, No.288, 5th cross, 6th 'A' Main Road, Bhuvaneshwarinagara, T.Dasrahalli, Bangalore-560057.

Customer's Reference : EE/DD/WO/003/17-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 08-08-17

Sample ID No : 2017-08-17-01-02

Customer ID : M20 Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 08/09/2017

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M20 Concrete	M20	11/08/2017	08/09/2017	151.00 X 150.24 X 150.47	22686	8.147	533.1	23.5	23.5
2	M20 Concrete	M20	11/08/2017	08/09/2017	149.87 X 150.66 X 150.47	22579	8.165	521.6	23.1	
3	M20 Concrete	M20	11/08/2017	08/09/2017	150.14 X 150.98 X 151.36	22668	8.174	539.5	23.8	

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Format No:CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2017-08-19-01** **Date: 21/08/2017**

Customer : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.

Address : Dasarahalli Sub Division, BBMP, Bangalore.

Project Name : Reserve Fund For Emergency works in Dasarahalli ward no.15 Dasarahalli Sub Division (Providing Pot Hole filling of CC Roads and De-silting of Kempegowda Nagara 5th cross & other cross roads in T.Dasarahalli in ward no.15)

Agency : Sri.Eregowda S.M, No.288, 5th cross, 6th 'A' Main Road, Bhuvaneshwarinagara, T.Dasrahalli, Bangalore-560057.

Customer's Reference : EE/DD/WO/003/17-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 19-08-17

Sample ID No : 2017-08-19-01-01

Customer ID : Cement Concrete Pavement

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 21/08/2017

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	14/08/2017	21/08/2017	150.32 X 150.35 X 150.32	22601	8.198	531.1	23.5	23.6
2	Cement Concrete Pavement	M30	14/08/2017	21/08/2017	150.30 X 150.39 X 150.31	22604	8.147	538.0	23.8	
3	Cement Concrete Pavement	M30	14/08/2017	21/08/2017	150.34 X 150.32 X 150.30	22599	8.177	533.3	23.6	

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2017-08-19-01** **Date: 11/09/2017**

Customer : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.

Address : Dasarahalli Sub Division, BBMP, Bangalore.

Project Name : Reserve Fund For Emergency works in Dasarahalli ward no.15 Dasarahalli Sub Division (Providing Pot Hole filling of CC Roads and De-silting of Kempegowda Nagara 5th cross & other cross roads in T.Dasarahalli in ward no.15)

Agency : Sri.Eregowda S.M, No.288, 5th cross, 6th 'A' Main Road, Bhuvaneshwarinagara, T.Dasrahalli, Bangalore-560057.

Customer's Reference : EE/DD/WO/003/17-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 19-08-17

Sample ID No : 2017-08-19-01-02

Customer ID : Cement Concrete Pavement

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 11/09/2017

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	14/08/2017	11/09/2017	150.32 X 150.35 X 150.32	22601	8.133	734.5	32.5	32.4
2	Cement Concrete Pavement	M30	14/08/2017	11/09/2017	150.30 X 150.39 X 150.31	22604	8.156	721.1	31.9	
3	Cement Concrete Pavement	M30	14/08/2017	11/09/2017	150.34 X 150.32 X 150.30	22599	8.142	741.3	32.8	

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